

New Longevity Records From PRBO's Palomarin Field Station

Mist netting at PRBO Conservation Science's Palomarin Field Station in Point Reyes National Seashore, Marin County, CA, has been conducted since 1966. Longevity records from this long-term monitoring program were last published in 2003 (Maute 2003) and individual records have been submitted occasionally since then to the Bird Banding Lab website (e.g., Chessey and Dybala 2005). New longevity records for eight species were found during a 2011 search of the Palomarin banding database. Of these eight records, five are old records that were unreported previously, while three records were set since the 2003 search was conducted. Seven individuals were captured on site at the Palomarin Field Station, where mist netting is conducted in coastal scrub and Douglas fir forest habitats, with 20 nets run for six days a week from 1 May to 1 Dec and three days a week from 1 Dec to 30 Apr. The eighth bird was captured at Pine Gulch, a banding site located in a deciduous riparian habitat beside the Bolinas Lagoon on Marin County Open Space District land, Marin County, CA, where Palomarin biologists run 10 nets once every seven days from mid-August to 31 October and once every 10 days the remainder of the year.

The Bird Banding Lab (BBL) maintains an online list of longevity records at http://www.pwrc.usgs.gov/bbl/longevity/longevity_main.cfm. All of these longevity records have been submitted to the BBL; and at the time of writing, four have thus far been verified. Ages are estimated (conservatively for AHY and Unknown birds) from the age at initial banding and an assumed June hatching month for all species.

Species not mentioned in the BBL list (due to species split) at the time of manuscript submission:

Pacific Wren (*Troglodytes pacificus*), recently split from Winter Wren (*Troglodytes troglodytes*), #2051-41038 was first captured at the Palomarin Field Station in May 2003 as an AHY bird, recaptured four times, and last captured at an estimated age of at least 6 yr and 6 mo in Dec 2008.

Records verified and posted by the BBL at the time of this manuscript submission:

Allen's Hummingbird (*Selasphorus sasin*) #3000-89691 was first captured at the Palomarin Field Station in May 2004 as a SY bird, recaptured twice, and last captured at the estimated age of 5 yr and 11 mo in May 2009.

Violet-green Swallow (*Tachycineta thalassina*) #7841836 was first captured at the Palomarin Field Station in May 1985 as an AHY bird, recaptured four times, and last captured at the estimated age of at least 9 yr and 1 mo in Jul 1993.

Northern Rough-winged Swallow (*Stelgidopteryx serripennis*) #1610-86630 was first captured at the Palomarin Field Station in May 1983 as an AHY bird, recaptured twice, and last captured at the estimated age of at least 5 yr and 11 mo in May 1988.

Ruby-crowned Kinglet (*Regulus calendula*) #2300-27652 was first captured at Pine Gulch in Jan 2003 as a SY bird, recaptured five times, and last captured at the estimated age of 4 yr and 7 mo in Jan 2007.

New longevity records not yet verified and posted by BBL at time of manuscript submission:

Red-breasted Sapsucker (*Sphyrapicus ruber*). The oldest bird verified by the BBL was approximately 4 yr and 9 mo old. The new record holder, #7513-4890, was first captured at the Palomarin Field Station in Feb 1984 as an AHY bird, recaptured four times, and last captured at the estimated age of at least 5 yr and 4 mo in Oct 1988.

Puget Sound White-crowned Sparrow (*Zonotrichia leucophrys pugetensis*). The oldest bird verified by the BBL was banded at Pine Gulch by PRBO biologists and recaptured at the age of 5 yr and 10 mo. The new record holder, #1411-50334, was first captured at the Palomarin Field Station in Oct 1991 as a HY bird, recaptured nine times, and last captured at the estimated age of 6 yr and 10 mo in Apr 1998.

Varied Thrush (*Ixoreus naevius*). The oldest bird verified by the BBL was banded at the Palomarin Field station by PRBO biologists and recaptured at

the age of at least 4 yr and 9 mo. The new record holder, #7522-0380, was first captured at the Palomarin Field Station in Dec 1984 as an unknown- age bird, recaptured six times, and last captured at the estimated age of at least 5 yr and 7 mo in Jan 1990.

ACKNOWLEDGMENTS

We are grateful to the many PRBO Conservation Science interns, volunteers, and staff who have helped collect these data over the past 46 years; and to the Point Reyes National Seashore, PRBO board members and funders, and the staff at the Bird Banding Lab, for their support. This is PRBO Contribution # 1873.

LITERATURE CITED

- Chessey, A. and K. Dybala. 2005. Hutton's Vireo: longevity record and interesting movement. *North American Bird Bander* 30:27.
- Maute, K. L. 2003. Note on longevity of North American birds. *North American Bird Bander* 28:13-14.

*L.J. Harn, N.K. Elliott, and D.L. Humple**
PRBO Conservation Science
3820 Cypress Drive #11
Petaluma, Ca 94954
*e-mail: dhumple@prbo.org



Founded in 1925

The Western Bird Banding Association will meet at the peak of landbird migration for its 2013 annual meeting at the lovely Arizona Folklore Preserve, **12 to 14 Sep 2013** [Thursday to Saturday], hosted by the newly incorporated Sky Islands Bird Observatory. The meeting will be located near the Ramsey Canyon Nature Conservancy Preserve located in the Huachuca Mountains, in the upper San Pedro River watershed of southeastern Cochise County, Arizona, approximately 110 km southeast of Tucson (visit its web site at:

<http://www.arizonafolklore.com/nature.org>).

The meeting is not to be missed and will have exciting demonstrations and workshops on banding, data management, and analysis of banding data. This canyon has a long-running banding station in a riparian corridor amongst the unique oak-juniper and pine woodlands. This birding mecca offers camping, bed and breakfasts, and

WBBA TO MEET IN SPECTACULAR ARIZONA CANYON

nearby motels in Sierra Vista. Paper and poster presentations can reflect original research, summarize existing information, or address the use of banding as a tool in avian research and monitoring. Mist nets will be operated near the Folklore Preserve. Possible Arizona specialties such as Elf Owl, Violet-crowned Hummingbird and Sulphur-bellied Flycatcher are possible. An NABC certification for banders and trainers is also planned. Please submit abstracts for papers or workshops electronically by **1 Aug 2013** to Wade Leitner at wleitner@birdsci.com), specifying workshop, paper, or poster. For additional information on abstract submission and about WBBA's 2013 meeting, please visit the WBBA website (<http://www.westernbirdbanding.org/next-meetings.html>), or contact Pat Leitner at pat@pleitnercpa.com or **520-256-7147**.